Index of Claims

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Application No.

10/016,366

Anh T. Mai

Examiner

Applicant(s)

KAGEYAMA ET AL.

Art Unit

2832

Rejected Allowed

(Through numeral) Cancelled

Restricted

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Interference

Appeal Α 0 Objected

| Cla                    | aim         | Date         |               |                 |  |  | ] [           | Claim    |          |               | Date     |                 |   |              |  |                   | Claim      |                   |          | Date          |            |          |          |                         |                   |          |               |               |                 |          |
|------------------------|-------------|--------------|---------------|-----------------|--|--|---------------|----------|----------|---------------|----------|-----------------|---|--------------|--|-------------------|------------|-------------------|----------|---------------|------------|----------|----------|-------------------------|-------------------|----------|---------------|---------------|-----------------|----------|
| i                      | <del></del> | စ္က          |               |                 | İ  |  |               |          |          | ľ             | 7        |                 |   | 1            | 1 1  |                   |            |                   |          |               | _          |          |          |                         | J                 |          |               |               |                 |          |
| Final                  | ıË.         | 26           |               |                 | -  |  | 1 1           | İ        |          | Final         | Ë        |                 | İ   | 1            |  | ł                 |            |                   |          | Final         | ij         |          | 1 1      |                         | ı                 |          |               | .             |                 |          |
| iI.                    | Original    | 10/15/03     |               | 1               | 1  |  |               | - (      | ] [      | ίĒ            | Original |                 | - (   | 1            |  | -                 | İ          |                   |          | Œ             | Original   |          |          | - (                     | - (               | ļ        | - 1           |               | - 1             | ļ        |
| L                      | ļ           | L.,          |               | $\perp$         | L  | L  |               |          | 1        |               |          |                 |   |              |  |                   |            |                   | L        |               |            |          |          |                         |                   |          |               | $\perp$       |                 |          |
| ļ                      | 1           | 1            |               | 1_              | L-   | _  | Ш             |          | 1        |               | 51       | $\perp \perp$   |   |              | $\sqcup$   |                   |            | Ш                 | L        |               | 101        |          |          | _                       | _                 | _        |               | $\perp$       |                 |          |
| <u> </u>               | 2           | ✓            |               | 1_              | L  | <u> </u>   | $\square$     | _        | 1 L      |               | 52       | $\sqcup$        | _   | ┷            | $\sqcup$   | $\bot$            |            | Ш                 | L        |               | 102        | _        | Ш.       | _                       |                   |          |               |               |                 | _        |
| <u> </u>               | 3           | V            | <u> </u>      | -               | <u> </u>   | L  | $\sqcup$      |          | <b>}</b> | ]             | 53       |                 | _}_   | 1            | <del>                                     </del> |                   | ┷          | Ш                 | L        | _1            | 103        |          | $\sqcup$ | _                       |                   |          | _             |               | ]               |          |
| ļ                      | 4           | ✓            |               | ↓_              | ļ_   | <u> </u>   | $\vdash$      |          | ↓        |               | 54       |                 |   | 4_           | $\sqcup$   | $\perp$           |            | $\sqcup$          | L        |               | 104        | <u> </u> |          | _                       | _                 |          |               | _             |                 |          |
| ļ                      | 5           | 0            | $\vdash$      | $\bot$          | <b>├</b> -                                       | <u> </u>   | $\vdash$      | _        | 1  -     |               | 55       | $\perp$         |   | <del> </del> | ┵  | _ _               | - <b>-</b> | $\vdash$          | $\perp$  |               | 105        | _        | $\sqcup$ | $\perp$                 | _                 |          | _             | 4             |                 |          |
| <u> </u>               | 7           | V            |               | ∔-              | ├-   | <u> </u>   |               | -        | <b>∤</b> | _             | 56       |                 | -∔-   |              |  | $\rightarrow$     |            | -                 | <u> </u> |               | 106        | $\vdash$ |          | 4                       |                   | _        | _             | _             |                 | _        |
| -                      |             | V            | <b>├</b> -┼-  | ∔-              |  | <u> </u>   |               |          | <b>∤</b> |               | 57       |                 |   | ┼            | 11   |                   | —          | $\vdash$          | $\vdash$ | 1             | 107        | _        | $\vdash$ | $\dashv$                |                   |          | _             | -4            |                 |          |
| <u> </u>               | 8           | V            |               | ╆               | <b>├</b>   | ├  | $\mapsto$     | }        | 1 -      | $\rightarrow$ | 58       | -               | -   | ╁            | ₽  | _+.               | →          | $\vdash$          | -        |               | 108        | _        | $\vdash$ | -                       | -                 | 1        |               |               |                 |          |
| <u> </u>               | 9<br>10     | V            |               | +               | -  | ├  | -             |          | {        |               | 59       | -+              | -+-   | +-           | <del> </del>                                     |                   | -          | ₽                 | ļ.,      |               | 109        | <u> </u> |          | {                       | 4                 | (        | $\dashv$      |               |                 | $\dashv$ |
| -                      | 11          | <b>√</b>     |               | ┼—              |  | ├  | $\vdash$      | $\dashv$ | {        |               | 60       | $\rightarrow$   | +   | +            | <del>-</del> - I                                 | -+-               | +          | $\vdash$ $\dashv$ | ⊢        |               | 110        | _        |          | -                       | $\dashv$          |          | _             |               |                 |          |
| <u> </u>               | 12          | 0            |               | ╁               | -  |  | $\vdash$      |          | ┨ ├-     |               | 61       | $\dashv$        | -+-   | +            | <del>-</del>                                     |                   | +          | H                 | -        |               | 111        | _        |          | $\dashv$                | $\dashv$          |          |               |               |                 |          |
|                        | 13          | \<br>√       |               | +-              | +  | <del>                                     </del> | -             |          | ┨ ├─     | $\dashv$      | 62<br>63 |                 | +   | +            | ⊢┤   | -                 | +          | +                 | $\vdash$ |               | 112<br>113 | $\vdash$ |          | 4                       |                   |          |               |               |                 |          |
|                        | 14          | √<br>√       | ├-}-          | +-              | -  | H  |               | +        | ┪ ├-     |               | 64       | -+              |   | +-           | $\vdash$   |                   | +          | $\vdash$          | $\vdash$ |               | 113        | -        | +        | -                       |                   |          | $\rightarrow$ |               |                 | 1        |
|                        | 15          | ò            |               | +-              | -  | -  | $\vdash$      |          | ┥┝       |               | 65       | $\dashv$        | +   | +-           | $\vdash$   | -                 |            | $\vdash$          | -        |               | 115        | <u> </u> | $\dashv$ | $\dashv$                | -                 |          |               |               | $\dashv$        |          |
|                        | 16          | <b>√</b>     |               | ╁               | -  | -  | $\vdash$      | +        | ┨        | $\dashv$      | 66       | -               | -+-   | +-           | <del>                                     </del> | }-                | -}         | H                 | }-       |               | 116        | -        | $\dashv$ | $\dashv$                | -}                |          |               | -+            |                 | $\dashv$ |
| $\vdash$               | 17          | <b>∨</b>     |               | +-              | <del>                                     </del> | -  | ┝┤            | +-       | ┨        | $\dashv$      | 67       | -               | $-\!\!\!\!+$                                      | +            | $\vdash \downarrow$                              |                   |            | $\vdash \vdash$   | $\vdash$ |               | 117        | H        |          | +                       | {                 |          | $\dashv$      | $\dashv$      | $\dashv$        | $\dashv$ |
| $\vdash$               | 18          | <b>∨</b>     | +             | +-              | <del>  -</del>                                   | H  | -             | - -      | ┥┝       |               | 68       | -+              | +   | +-           | 1-1  | -+-               | +          | $\vdash$          | -        |               | 118        | -        | -+       | $\dashv$                | $\dashv$          | $\dashv$ |               | $\dashv$      |                 | ᅱ        |
|                        | 19          | _√<br>_√     | -+            | +               | ├  | -  | -             | _        | ┨        |               | 69       | -+              |   | +-           | ┼  |                   | <b>⊹</b>   | Н                 | -        |               | 119        | _        |          | -                       | $\dashv$          | {        |               | -+            |                 |          |
|                        | 20          | V            |               | +-              | -  | -  |               |          | ┤├       |               | 70       | $\vdash$        |   | <del>-</del> | 1-+  |                   |            | Н                 | -        |               | 120        | _        | -        | ᅪ                       | $\dashv$          | $\dashv$ |               |               |                 | $\dashv$ |
| -                      | 21          | <b>√</b>     |               | +-              | -  | -  | <del>  </del> | -        | 1 }-     |               | 71       |                 | ╌   | +            | $\vdash$   | -+-               | +          | $\vdash$          | $\vdash$ |               | 121        |          | +        |                         | -                 | -1       | $\dashv$      | $\rightarrow$ | -               | $\dashv$ |
| $\vdash$               | 22          | ò            | +             | +               | <del> </del>                                     |  |               | +-       | 1 -      | -+            | 72       | -+              |   | ╁╴           | -  |                   | +          | $\vdash$          | $\vdash$ |               | 122        | -        | -+       | +                       | {                 |          | -             | $\dashv$      | $\dashv$        | $\dashv$ |
| $\vdash$               | 23          | <b>∀</b>     |               | ╁╌              | ╁╌   | -  | $\vdash$      |          | ┧┝       | +             | 73       | $\dashv$        | -+-   | +            | 1  | +                 | +-         | Н                 | -        |               | 123        | -        | +        | $\dashv$                | $\dashv$          |          |               | -             | $\dashv$        |          |
| $\vdash$               | 24          | <b>√</b>     | -+-           | +-              | $\vdash$   | -  | $\vdash$      | +        | { ├─     | -             | 74       | -               | +   | +-           | $\left\{ -\right\}$                              | +-                | ╌          | H                 | $\vdash$ |               | 124        | $\vdash$ | -        | -                       | -                 |          | $\dashv$      | -+            | -               |          |
| $\vdash \lnot$         | 25          | <b>V</b>     | -             | +-              | $\vdash$   |  | $\vdash$      |          | 1  -     | -+            | 75       | -+              | +   | +-           | $\vdash$   | +                 | +          | $\vdash$          | -        |               | 125        |          | +        | 1                       | -                 |          | -+            | $\dashv$      | -               | $\dashv$ |
|                        | 26          | <b>\</b>     |               | +               |  |  |               |          | 1        | -+            | 76       | _               | +   | +            | 1  | +                 | +-         | H                 | <u> </u> |               | 126        |          | -+       | +                       | $\dashv$          | -1       | _             | $\dashv$      | $\dashv$        | -        |
|                        | 27          | •            |               | +-              | $\vdash$   |  | 1             | +        | 1        |               | 77       | -+              | +   | +-           |  | +                 | 1-         | $\vdash$          | $\vdash$ |               | 127        | -        | -†       | $\dashv$                | _                 | 1        | 1             | $\neg$        | $\neg \uparrow$ |          |
| $\vdash \neg \uparrow$ | 28          | -            | $\neg$        | 一               |  |  | 1             | 1        | 1        |               | 78       | $\neg \uparrow$ | 1   | +-           |  | 1                 | +          | $\vdash$          | <u> </u> | $\rightarrow$ | 128        | Н        |          | 寸                       | _                 | -1       | 7             | $\dashv$      | $\neg$          | $\neg$   |
|                        | 29          | -            |               | T               |  |  | $\neg$        | _        | 1  -     | ⇁             | 79       | -+              |   | +-           | 1  | _                 | $\dashv$   | $\Box$            |          |               | 129        |          |          | 7                       |                   | _†       | T†            | $\neg$        | -               | $\dashv$ |
|                        | 30          | -            |               |                 |  |  |               | $\neg$   | 1        |               | 80       |                 | $\dashv$  | _            |  | $\top$            | $\top$     | $\Box$            |          |               | 130        | Н        | $\Box$   | 7                       |                   |          | T             | $\neg$        | _               |          |
|                        | 31          | -            |               |                 |  |  |               | $\neg$   | 1        |               | 81       |                 |   | 1            |  | _                 |            | $\Box$            | <u> </u> |               | 131        |          |          | 1                       | 7                 |          |               | $\neg$        | _               | $\neg$   |
|                        | 32          | -            |               |                 |  |  |               |          | 1        |               | 82       |                 |   |              |  |                   |            | П                 |          |               | 132        |          |          | T                       | ヿ                 | _1       | ヿ             | $\neg$        | _               | П        |
|                        | 33          | -            | $\neg   \neg$ | 1               |  |  |               |          | 1        |               | 83       | 71              |   | 1            |  |                   | 1          |                   |          | $\neg \neg$   | 133        |          |          |                         | _                 | _1       |               | $\neg$        | $\neg$          | $\neg$   |
|                        | 34          | -            |               |                 |  |  |               |          |          |               | 84       |                 |   | 1            |  |                   |            |                   |          |               | 134        |          |          | 7                       |                   |          |               | $\Box$        | $\neg$          | $\neg$   |
|                        | 35          | $\checkmark$ |               | $\Box$          |  |  |               |          | ] [      |               | 85       |                 |   | Γ            |  |                   | $\Box$     |                   |          |               | 135        |          |          | J                       | J                 |          |               |               |                 |          |
| oxdot                  | 36          | V            |               |                 |  |  |               | $\bot$   | ] [      | $\Box$        | 86       | $\Box$          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |              |  | $\Box$            |            |                   |          |               | 136        |          |          | J                       | $\supset$         |          |               |               |                 |          |
|                        | 37          | _]           |               |                 |  |  |               |          | ΙĽ       | $\Box$        | 87       | $\perp$         | floor   |              |  | $\Box \Box$       |            |                   |          |               | 137        |          | $\Box$   | J                       |                   |          |               |               |                 |          |
|                        | 38          |              | _             | $\Box$          |  |  |               |          |          |               | 88       |                 |   |              |  |                   |            |                   |          |               | 138        |          | $\Box$   | $\int$                  |                   |          | $\Box$        | $\Box$        |                 |          |
|                        | 39          |              |               |                 | Ш  |  |               |          | L        | [             | 89       | $\bot$          |   | L            | $\square$  | $\perp$           | $\perp$    |                   |          |               | 139        |          | $\Box$   | $oldsymbol{\mathbb{I}}$ | $oldsymbol{\Box}$ | $\Box$   |               | $\Box$        | $\Box$          |          |
|                        | 40          | ]            |               | $\sqcup$        | $\sqcup$   |  |               | 4        | l L      |               | 90       |                 | $\perp$   | L            | Ш  |                   | $\bot$     |                   |          |               | 140        |          | $\Box$   | J                       | $\Box$            | $\Box$   |               | $\Box$        | $\Box$          |          |
| <u> </u>               | 41          |              | _             | $\sqcup$        | Ц  |  | _             | $\perp$  | _        | $\perp$       | 91       | $\perp$         |   | _            |  |                   | $\perp$    |                   | L        |               | 141        |          |          | 1                       | $\Box$            |          |               | [             | $_{\perp}$      | ]        |
|                        | 42          | _            |               | 1               | $\sqcup$   |  |               |          | _        |               | 92       | $\perp$         | 1   | $\perp$      | Ц  | $-\!\!\downarrow$ |            | Ш                 | L        |               | 142        |          | $\perp$  | _[                      | [                 |          |               |               | _               | ]        |
| <b>  </b>              | 43          |              |               | $\sqcup$        | $\sqcup$   |  | $\rightarrow$ | $\perp$  | _        | _             | 93       | $\perp$         |   | 1_           | Ц  |                   | 1          | Ш                 | _        |               | 143        |          | _}       | $\perp$                 |                   | _        | _             | $\dashv$      | $\dashv$        |          |
|                        | 44          |              |               | $\sqcup$        | $\sqcup$   |  | _             | $\perp$  | _        | _             | 94       | _               | $\perp$   | <u> </u>     | Ш  | $\perp$           | 4_         |                   | L        |               | 144        |          |          | $\perp$                 |                   | _        |               | $\dashv$      |                 |          |
|                        | 45          |              | $\rightarrow$ | $\sqcup$        |  | $\dashv$   | _             |          | _        |               | 95       | _               |   | 1            | $\perp \downarrow$                               |                   | 4          | $\Box$            | $\perp$  |               | 145        |          | $\perp$  | _                       |                   |          |               | _             | _               |          |
| ├                      | 46          |              |               | $\vdash \vdash$ | $\sqcup$   |  | _             |          | l∟       | _             | 96       | _               |   | 1            | $\sqcup$   |                   | $\bot$     | Ш                 |          |               | 146        | _        |          | 4                       |                   | _        |               | $\dashv$      |                 | _        |
| <b>  </b>              | 47          |              |               |                 | $\sqcup$   |  | -             | -        |          | _             | 97       | _ _             | 4-  | 1            | $\sqcup$   |                   | 4          | $\square$         | <u> </u> |               | 147        |          |          | 4                       |                   |          |               | _             | _               | _        |
| <b>├</b> ──            | 48          |              |               | -               | $\vdash \vdash$                                  | _  | _             |          |          | $\dashv$      | 98       | -               |   | -            | $\downarrow \downarrow$                          | $\perp$           | 4.4        | $\square$         | $\vdash$ |               | 148        |          |          | 4                       | _                 | _        | _             | _             |                 |          |
| ├                      | 49          |              |               | $\vdash$        | $\vdash$   |  | -+            |          | L        |               | 99       | $\dashv$        |   | <u> </u>     | $\sqcup$   | -                 | 4-4        | Ш                 | -        |               | 149        |          |          | 4                       | _                 |          | _             | _             |                 |          |
| <u></u>                | 50          | 1            |               |                 |  |  |               |          |          |               | 100      |                 |   | 1            | L  | $\perp$           |            |                   | L        | 1             | 150        |          |          |                         | _1                |          |               |               |                 |          |